

General
Any sediment-laden groundwater encountered during construction shall be treated prior to discharge.

A stone access drive complete with under lying geo-textile fabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed if there is not already an existing access drive. This drive shall be the only entrance and exit to the site.

All silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

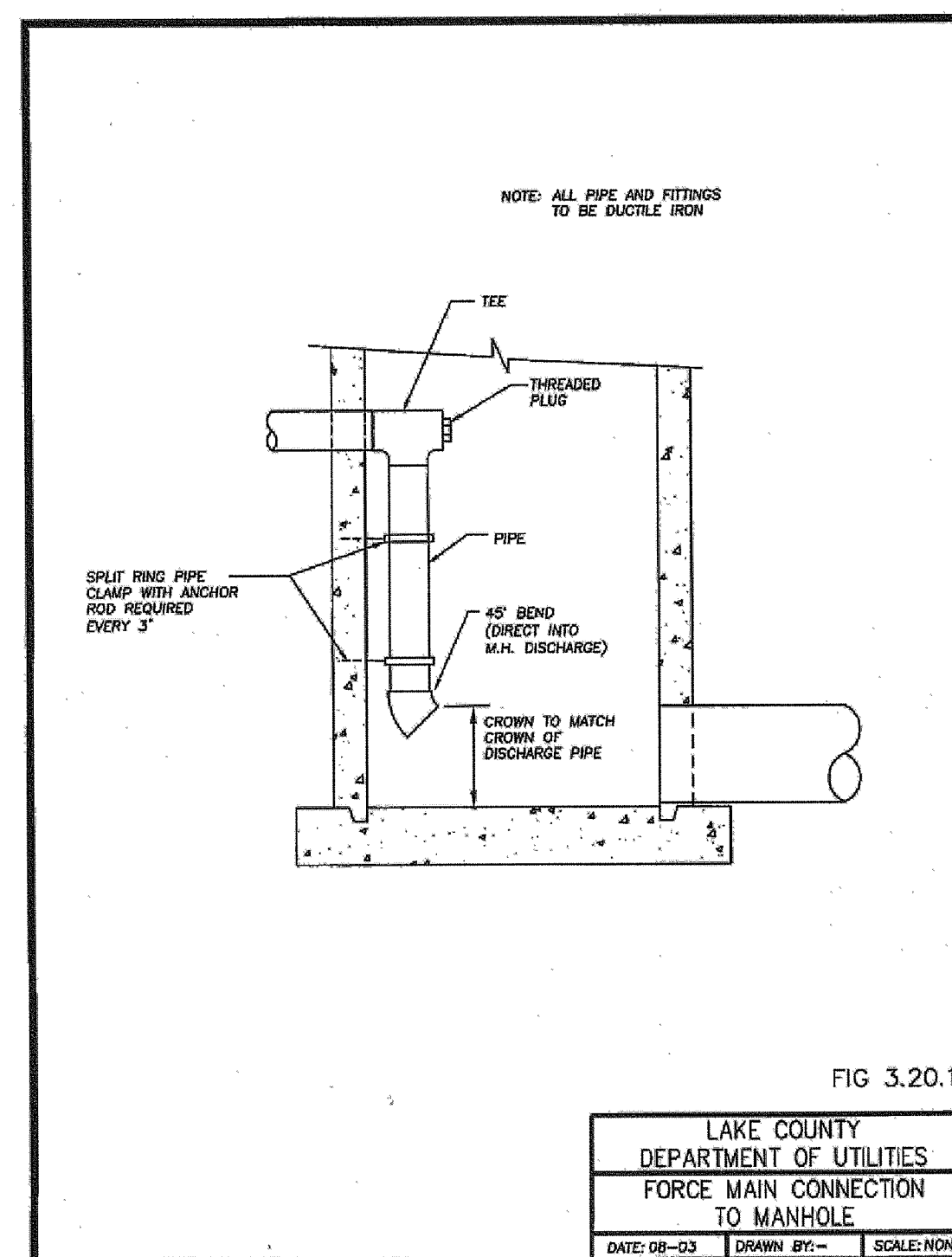
Disturbed areas of the site that are to remain idle for more than thirty (30) days shall be properly seeded and straw mulched within seven (7) days of completion of initial grading. Temporary seeding and mulching of a thirty (30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete.

Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (30) feet of the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

Erosion and sediment controls shall be inspected every seven (7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

All erosion and sediment control specifications, applications, and timetables are based on the descriptions and standards of The Ohio Department of Natural Resources Rainwater and Land Development Manual".

The specified erosion and sediment control standards are the general guidelines and shall not limit the right of the county to impose, at any time, additional, more stringent requirements. Nor shall the standards limit the right of the county to waive, in writing, individual requirements.



Straw mulch shall be unrotted small-grain straw applied at the rate of 2 tons/ac. or 90 lb./1,000 sq. ft. (two to three bales). The mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000 sq. ft. sections and spread two 45-lb. bales of straw in each section.

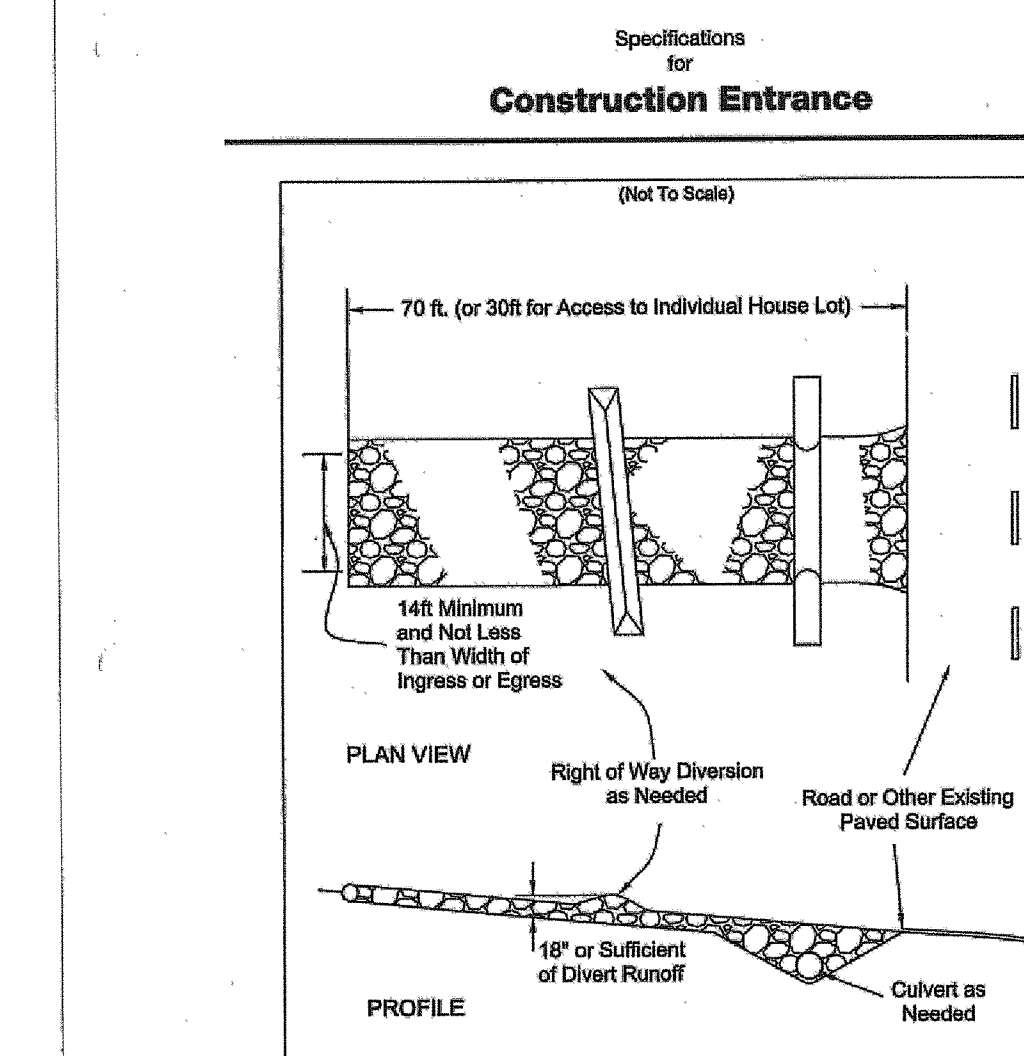


Diagram illustrating the installation of a water meter. The diagram shows the connection from the water main through a corporation stop, an angle valve, the meter, a yoke, another angle valve, and finally to the cast iron meter box and touch read and lid. The diagram includes dimensions for the vertical risers (5'-0" MIN. and 4'-0" MIN.) and the horizontal service line (1'-0" MIN. and 1'-0" MIN.). The service line is labeled as COPPER SERVICE (TYPE-K). The meter is supported by BRICK BLOCKING. The diagram also shows the EXISTING PAVEMENT OR GROUND LINE.

Labels in the diagram include:

- EXISTING PAVEMENT OR GROUND LINE
- CAST IRON METER BOX AND TOUCH READ AND LID
- METER
- ANGLE VALVE
- YOKES
- COPPER SERVICE (TYPE-K)
- BRICK BLOCKING
- WATER MAIN
- CORPORATION STOP

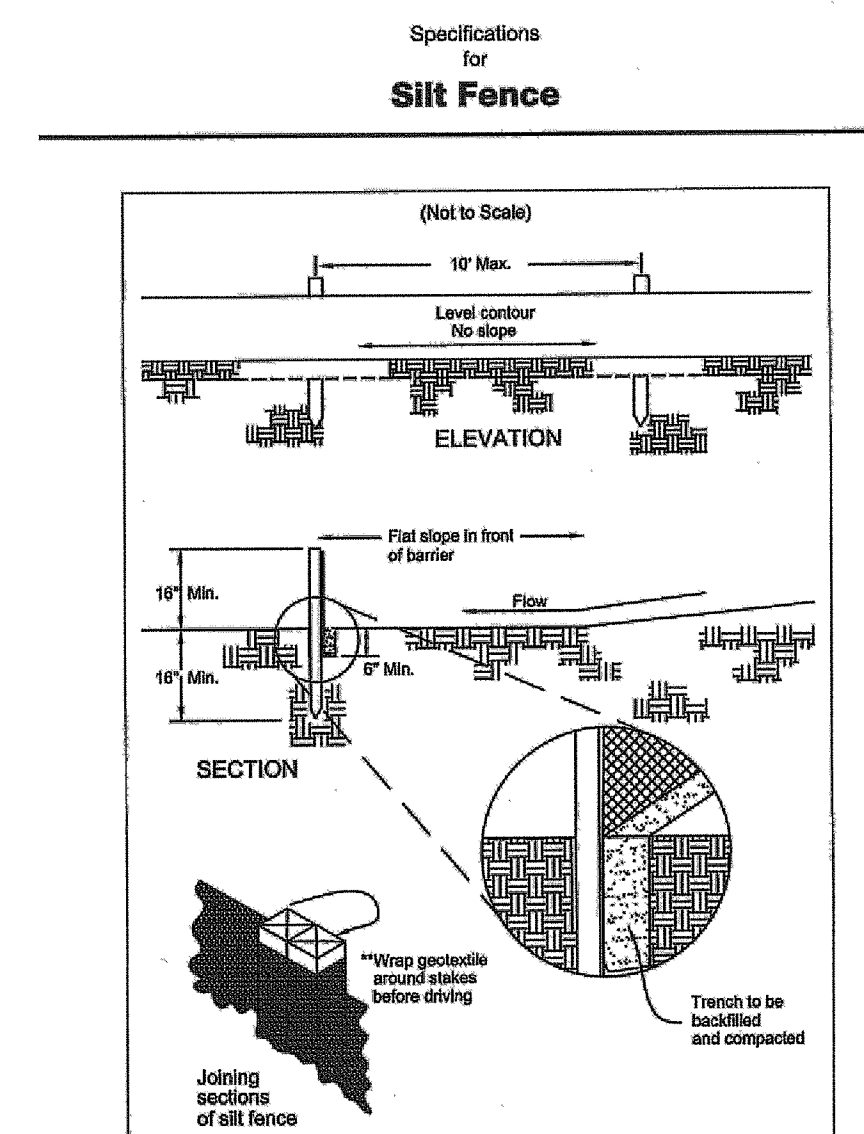
Dimensions:

- 5'-0" MIN.
- 4'-0" MIN.
- 1'-0" MIN.
- 1'-0" MIN.

FIG. 2.25.


LAKE COUNTY DEPARTMENT OF UTILITIES	
SERVICE TIE IN FOR OUTSIDE METER LESS THAN 2" DIA.	
DATE: 10-09	DRAWN BY: DOB SCALE: NO

ALL MATERIALS SHALL BE AS LISTED IN THE LCOU APPROVED MATERIAL LIST.

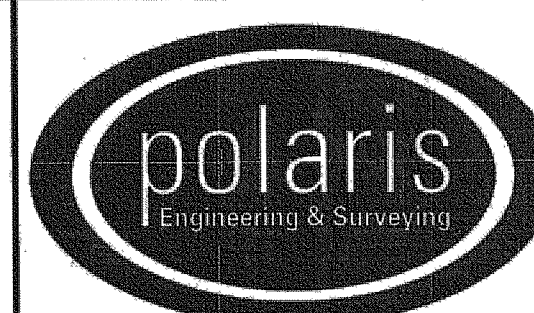


1. **Stiff fence** shall be constructed before upslope land disturbance begins.
 - a. All fence posts shall be placed so close to the contour as possible so that water will not concentrate on any point and will not flow over the land surface or down the slope.
 - b. Posts shall be driven into the ground so that they are driven to nearly equal soil compacted forces to the air fence area and are driven to the same depth.
2. **Each of the air fence** shall be brought up slope slightly so that water ponded by the air fence will be prevented from flowing across the fence.
3. **Stiff fence** shall be placed on the flattest area possible.
4. **Stiff fence construction** shall be prepared for 5 feet (or as much as possible) upslope from the air fence. If vegetation is removed, it shall be reestablished within 7 months of the completion of the air fence.
5. **The height of the stiff fence** shall be a minimum of 16 inches above the original ground surface.
6. **The air fence** shall be placed in an escarment or ditch and set a minimum of 10 feet from the upslope edge. It shall be made with a trencher, chain laying machine, slicing machine, or other suitable device which will ensure an even, smooth trench edge.
7. **The air fence** shall be placed with the stakes on the downslope side of the trench. A minimum of 8 inches of trench shall be below the air fence. The trench shall be filled with soil on the bottom of the 8-inch deep trench. The trench shall be backfilled and compacted on both sides.
8. **Seams between sections of air fence** shall be spliced together only at a support post with a minimum 6-in. overlap prior to driving into the ground, and the seams shall be placed at least 10 feet from the air fence and as close as possible to the air fence as possible to allow air to flow through the sections. If trench overcuts the air fence, cover under the barbed or chain link fence with a tarp or plastic sheeting to prevent discharge, use of the following shall be performed, as appropriate: 1) the layout of the air fence shall be checked and the trench shall be corrected; 2) the trench shall be removed, or 3) other practices shall be installed.
9. **Sequent depths** shall be routinely measured when the slope gradient is approximately one-half the height of the air fence.
10. **Stiff fences** shall be inspected after each rainfall and at least daily during a prolonged rainfall. The location of the fence shall be recorded for reference to determine proper location and effectiveness. If damaged, the air fence shall be repaired immediately.
11. **Criteria for air fence materials:**
 - a. **Fence post** shall be 2-inch by 6-inch a minimum of 32 inches. Wood posts will be 10 to 12 ft, nominal dimensional hardwood of sound quality. They shall be the size of knots and free of decay, rot, or other defects that would weaken the post. The maximum spacing between posts shall be 10 feet. The posts shall be driven into the ground to the same depth, where possible. If not possible, the posts shall be adequately anchored to prevent overturning of the fence.

FABRIC PROPERTIES	VALUES	TEST METHOD
Minimum Tensile Strength	120 lbs (55 N)	ASTM D 4832
Maximum Elongation at 60 lbs	50%	ASTM D 4832
Minimum Puncture Strength	50 lbs (220 N)	ASTM D 4833
Minimum Tear Strength	40 lbs (80 N)	ASTM D 4833
Apparent Opening Size	≤ 0.84 mm	ASTM D 4791
Minimum Permeability	1X (0.42 sec.-1)	ASTM D 4941
UV Exposure Resistance Retention	70%	ASTM D 4335

REV. No.		DATE	BY	CHK'D	 <p>STATE OF OHIO CHARLES W. SZUCS E-98526 REGISTERED PROFESSIONAL ENGINEER</p>	DATE: 4/30/14
						SCALE: HOR. 1"=40'
						VERT. 1"=N/A
						FOLDER: SITE PLAN
						FILENAME: SITE PLAN
						TAB: SITE PLAN
						DRAWN: DRW

TJ ROCKWELL SITE PLAN
PPN:
04-A-044-D-00-004-0
VILLAGE OF PERRY - LAKE COUNTY - OHIO



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DETAILS

CONTRACT No.

4596

SHEET	OF
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